Accelerator #40, Liquid

Toner Additive, Activator

Accelerator #40 is an adjuster "toner" additive for zinc phosphate systems. Provides iron control in zinc baths and also provides smooth coatings in process baths when needed.

Accelerator #40 is a convenient liquid which is easy to dispense and use.

Accelerator #40 is used to control iron in systems and a grain refiner in pre paint and coatings systems.

Features & Benefits

- High solids liquid.
- Helps control ratio of total to free acid in zinc processing baths.
- Typically, higher acid ratios provide smoother coatings for paint bonding.
- Easy to dispense or automatically feed and monitor.
- Stable, long-lasting results.

Note: the material is evasive and does deplete as metal is processed. It also is replenished when additions of replenisher are added due to auto regeneration during the coating process.

Physical Data

pH	9
Product Type	Liquid
Spec. Gravity	1.25
lbs./gal.	10.43
Foam, 0 = Low, 9 = High	0
Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing

Typical Processing

See process data.

1. To eliminate iron in zinc baths, add small amounts (typically 1-2 quarts, or 1-2 liters per 100 gallons until bath shows negative iron.

2. Use of this product will raise the acid ratio of zinc baths.
3. Caustic soda, or ammonia hydroxide may be used to raise the ratio of a zinc bath.
4. Stir small amounts of dilute material into bath to raise ratio.
5. Use as required by process recommendation.
6. Feed as required.

Packaging

Container Type	Poly
Net Units	573.4
Tare Wt.	25 lb.
Gross Wt.	600
DOT_Name	UN 3139, Oxidizing Liquid, n.o.s. (Sodium Nitrite), 5.1, PG II
DOT Hazard	Oxidizer
Tarriff ID	2834.10.10

Use Parameters

Concentration Range	0.1-0.5% typically
Temperature Range	Per process.
Time Range	As required.
Agitation	Recommended.

Waste Disposal

See local authorities.

Holding Tank Materials of Construction

Steel, stainless, or poly.

Other Information

It is important that the OSHA DATA, "Material Safety Data Sheet" be carefully read and reviewed with the users of this product. OSHA data is required to be posted in the work area by law.
WARRANTY: HUBBARD-HALL INC. IS NOT RESPONSIBLE FOR THE MISUSE, MISAPPLICATION, OR MISHANDLING OF THIS PRODUCT. SEE THE TERMS AND CONDITIONS OF SALE ON OUR WEBSITE FOR ADDITIONAL TERMS AND CONDITIONS

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Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

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